

Converting Colors

Yxy(63.4920, 0.4193, 0.3988)

Have a look what the booklet for
Yxy(63.4920, 0.4193, 0.3988)
contains.

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Color

Yxy(62.7248, 0.4155, 0.4007)

Conversions

Conversions Part 1

Format	Color
Hex	FFC57F
RGB	255, 197, 127
RGB Percent	100%, 77%, 50%
CMY	0.0000, 0.2274, 0.5018
CMYK	0.00, 0.23, 0.50, 0.00
HSL	33°, 100%, 75%
HSV	33°, 50%, 100%
XYZ	65.0416, 62.7248, 28.7717
YIQ	206.3620, 57.0380, -9.4740

Conversions

Conversions Part 2

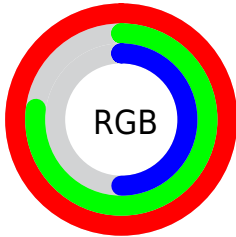
Format	Color
R_{YB}	233, 255, 127
Decimal	16762239
CIE Lab	83.30, 12.60, 42.86
CIE LCh	83, 44.676, 73.613
Yxy	62.7248, 0.4155, 0.4007
Android (android.graphics.Color)	4294952319 (0xFFFFC57F)
YUV	206.3620, -39.1255, 42.6555
Hunter-Lab	79.1990, 7.9935, 33.9002

Details

The Yxy color **62.7248, 0.4155, 0.4007** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **46.4510, 0.2302, 0.2421**, and the grayscale version is **62.1964, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.4798, 0.3570, 0.4009**, and **31.9025, 0.4401, 0.4143** is the 20% darker color. If you saturate the color by 10%, you get **57.0935, 0.4412, 0.4125**, and if you desaturate by 10%, it is **68.9297, 0.3909, 0.3869**.

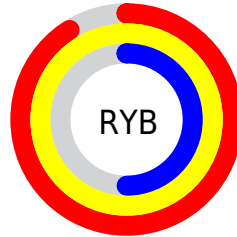
Distribution



Red (100%)

Green (77%)

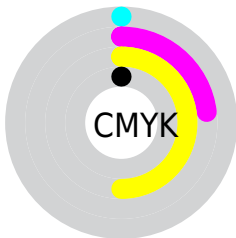
Blue (50%)



Red (91%)

Yellow (100%)

Blue (50%)

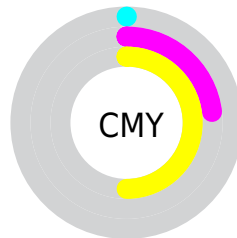


Cyan (0%)

Magenta (23%)

Yellow (50%)

Black (0%)



Cyan (0%)

Magenta (23%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.7248, 0.4155, 0.4007 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 62.7248, 0.4155, 0.4007 by changing the saturation by 10% instead.

 62.7248, 0.4155,
0.4007


 62.7248, 0.4155,
0.4007


434.5700, 0.3674,
0.3692


 45.6186, 0.4263,
0.4072

 108.7724, 0.3989,
0.3903

 31.9450, 0.4393,
0.4146


 138.4826, 0.3924,
0.3861

 21.3195, 0.4553,
0.4232


 173.1629, 0.3868,
0.3824

 13.3577, 0.4751,
0.4326


213.1977, 0.3819,
0.3791

 7.6753, 0.4994,
0.4420

258.9714, 0.3776,
0.3762

 3.8879, 0.5410,
0.4590


310.8685, 0.3738,

 1.6111, 0.5584,


0.3736


0.4416


369.2732, 0.3704,
0.3713


 0.3650, 0.6420,
0.3580


 0.0000, 0.0000,
0.0000

 62.7248, 0.4155,
0.4007

 62.7248, 0.4155,
0.4007


 57.0935, 0.4412,
0.4125


 68.9297, 0.3909,
0.3869


 52.0096, 0.4668,
0.4211

 75.7242, 0.3682,
0.3722

 47.4504, 0.4911,
0.4252

 83.1287, 0.3476,
0.3574

 43.3886, 0.5123,
0.4239

 91.1611, 0.3292,
0.3429

■ 39.8458, 0.5297,
0.4176

99.8385, 0.3130,
0.3292

100.0000, 0.3127,
0.3290

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



62.7248, 0.4250, 0.3593



62.7248, 0.4155, 0.4007



62.7248, 0.3778, 0.4283

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.7248, 0.4155, 0.4007



62.7248, 0.2305, 0.3343



62.7248, 0.2927, 0.2499

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



62.7248, 0.4155, 0.4007



46.4510, 0.2302, 0.2421

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



62.7248, 0.2453, 0.2400



62.7248, 0.4155, 0.4007



62.7248, 0.2121, 0.2825

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.7248, 0.4155, 0.4007



62.7248, 0.2707, 0.3909



62.7248, 0.2174, 0.2502



62.7248, 0.3503, 0.2768

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.7248, 0.4155, 0.4007



62.7248, 0.3431, 0.4316



62.7248, 0.2174, 0.2502



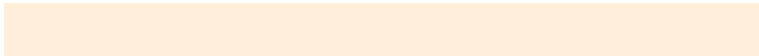
62.7248, 0.2751, 0.2446

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



62.7262, 0.4155, 0.4007



87.2094, 0.3378, 0.3498



40.0273, 0.3868, 0.2680



18.3065, 0.3417, 0.3529



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.7262, 0.4155, 0.4007



57.1895, 0.4407, 0.4123



93.5134, 0.3834, 0.4523



19.6332, 0.3281, 0.3420



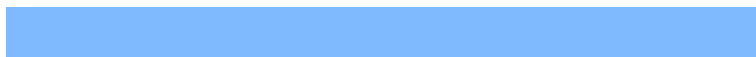
21.1229, 0.5274, 0.4195



2.2751, 0.5116, 0.4319

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



46.4510, 0.2302, 0.2421



39.3033, 0.2148, 0.2212



27.2598, 0.2186, 0.1700



18.7339, 0.2979, 0.3157



10.5386, 0.1728, 0.1421



1.2410, 0.1788, 0.1638

Previews

White Background



This preview shows how the Yxy color 62.7248, 0.4155, 0.4007 looks on a white background.

Color Contrast Check

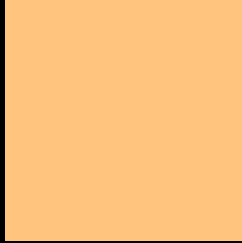
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 62.7248, 0.4155, 0.4007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

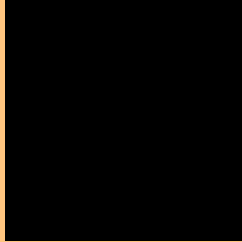
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.7248, 0.4155, 0.4007

Background



This preview shows how black text looks on a background with the Yxy color 62.7248, 0.4155, 0.4007.



This preview shows how white text looks on a background with the Yxy color 62.7248, 0.4155, 0.4007.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

62.7248, 0.4155, 0.4007

Protanopia

62.9192, 0.3830, 0.4153

Deuteranopia

62.6159, 0.4125, 0.4025



Tritanopia

62.8334, 0.3561, 0.3167

Trichromacy



Original Color

62.7248, 0.4155, 0.4007

Protanomaly

62.8020, 0.3947, 0.4094

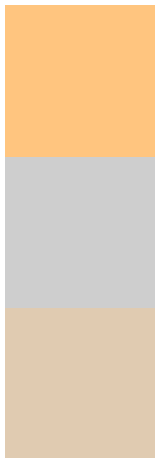
Deuteranomaly

62.8031, 0.4133, 0.4022

Tritanomaly

62.4951, 0.3789, 0.3480

Monochromacy



Original Color

62.7248, 0.4155, 0.4007

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.7335, 0.3488, 0.3587

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7248, 0.4155, 0.4007 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 197, 127)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 127)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 197, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 127) }
```

Border

The CSS property to change the border of an element to Yxy 62.7248, 0.4155, 0.4007 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 197, 127) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 197, 127) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 197, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 127);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7248, 0.4155, 0.4007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 127) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
197, 127) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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